

BIOENGINEERING MEETS GENOMICS

- 06.11.2024 **Yekaterina (Kate) Miroshnikova (NIH/NIDDK, Bethesda)**
Nuclear Mechanotransduction in Genome Integrity & Cell Fate Regulation
- 20.11.2024 **Sarah Hedtrich (BIH, Berlin)**
Human (Disease) Models to Tackle Inflammatory and Genetic Diseases of Human Epithelia
- 27.11.2024 **Bas van Steensel (NKI, Amsterdam)**
Scrambling the Genome to Study Chromosome Architecture and Gene Regulation
- 15.01.2024 **Michael Kaminski (MDC-BIMSB, Berlin)**
Strategies for in Vivo Delivery of Genetic Payloads
- 22.01.2025 **Benjamin Kleinstiver (MGH/HMS, Boston)**
Engineering Approaches to Improve Genome Editing Tools (Zoom Only)
- 29.01.2025 **Peter Hegemann (HU, Berlin)**
New Optogenetic Tools and the Lack of Biological Innovation
- 12.02.2025 **Jef Boeke (NYU Grossman School of Medicine, New York)**
The Dark Matter Project: Scaling up Genome Engineering in Mammals and Beyond
- 26.02.2025 **Nikolaus Rajewsky (MDC-BIMSB, Berlin)**
Spatial Transcriptomics and Microplastics
- 05.03.2025 **Matthias P. Lütolf (EPFL, Lausanne)**
Engineering Organoids
- 12.03.2025 **Mina Gouti (MDC, Berlin)**
Next Generation of Human Neuromuscular Models to Study Disease
- 19.03.2025 **Lola Eniola-Adefeso (University of Michigan, Ann Arbor)**
Leveraging the Natural Cellular and Biomolecular Interactions in Blood for the Design of Targeted, Anti-Inflammatory Particle Therapeutics
- 26.03.2025 **Melissa Birol (MDC-BIMSB, Berlin)**
Modeling Propagation in Brain Associated Proteinopathies

Organisers:

Melissa Birol
Michael Kaminski
Nikolaus Rajewsky
Michael Robson



Contact:

Irena.perkoradulovic@mdc-berlin.de